			Links I	Between CALFED P	rograms		Ψ
Cause Effect	Levees	Water Quality	ERP and Co	Storage and Conveyance	Water Transfers	Water Use Efficiency	Watershed Management
Levees		Sediment quality limits dredge material usage	Limits maintenance flexibility wetland restorations reduce levee mileage	Channel modifications and levee setbacksFlow alterations alter sediment supply			
Water Quality	alters risk of salinity intrusion alters seepage- induced delta TOC loads		Wetland rehabilitation alters TOC loads	River temperatures and sediment transport Delta salinity	Alters sources and timing of river flows (gw/sw component of flows	Alters irrigation drainage/ gw recharge quality	Alters quality of tribs (pollutant inputs from ag., urban, sediment inputs)
ERP and CS	Affects delta habitat	Contaminants		affects riparian and estuarine habitat Alters hydrographs Diversions cause fish entrainment gw pumpage alters terrestrial/riparian habitat	Alters gw discharge to land surface Subsidence alters terrestrial habitat	Alters gw discharge to land surface Subsidence alters terrestrial habitat	alters habitats
Storage and Conveyance	levee improvements reduce risk of delta conveyance	Mine drainage constrains reservoir feleases Delta standards constrain flow and exports	River temperature/ flow standards constrain reservoir operationsDelta and bay standards constrain flows and exportsBiological opinions constrain flows and exports		: Subsidence alters carrying capacity of sw conveyance structures		alters sediment supply downstream alters streamflows
Water Transfers		Limits change in use	Limits terrestrial habitat alterations	Limits physical movement of water		Alters amounts of transferrable water	
Water Use Efficiency	Seepage alters delta water consumption	Alters irrigation quantities Alters urban recycling opportunities	Wetland restoration alters water consumption		Transfer to remote area alters local water use options		Alters tributary flows and aquifer recharge
Watershed Management			Downstream habitat restoration affects some species, regional biodiversity				-